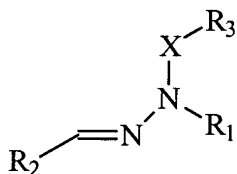


ORGANOPHOTORECEPTOR WITH CHARGE TRANSPORT COMPOUND HAVING AN EPOXY GROUP

ABSTRACT

5 This invention relates to a novel organophotoreceptor that comprises an electrically conductive substrate and photoconductive element on the electrically conductive substrate, the photoconductive element having

a) a novel charge transport compound having the formula



10 where X is a divalent hydrocarbon group of 1 to 30 carbon atoms, or a divalent hydrocarbon group of 1 to 30 carbon atoms where there is at least one substitution of a carbon atom by a heteroatom provided that no two heteroatoms may be adjacent within the backbone of an aliphatic divalent hydrocarbon radical, R₁ is an aryl group or a heterocyclic group, R₂ is a (N,N-disubstituted)arylamine group, and R₃ is an epoxy group; and

15 (b) a charge generating compound.

The epoxy group can be reacted with a functional group within the polymer to form a polymeric charge transport compound either directly or through a crosslinking agent.